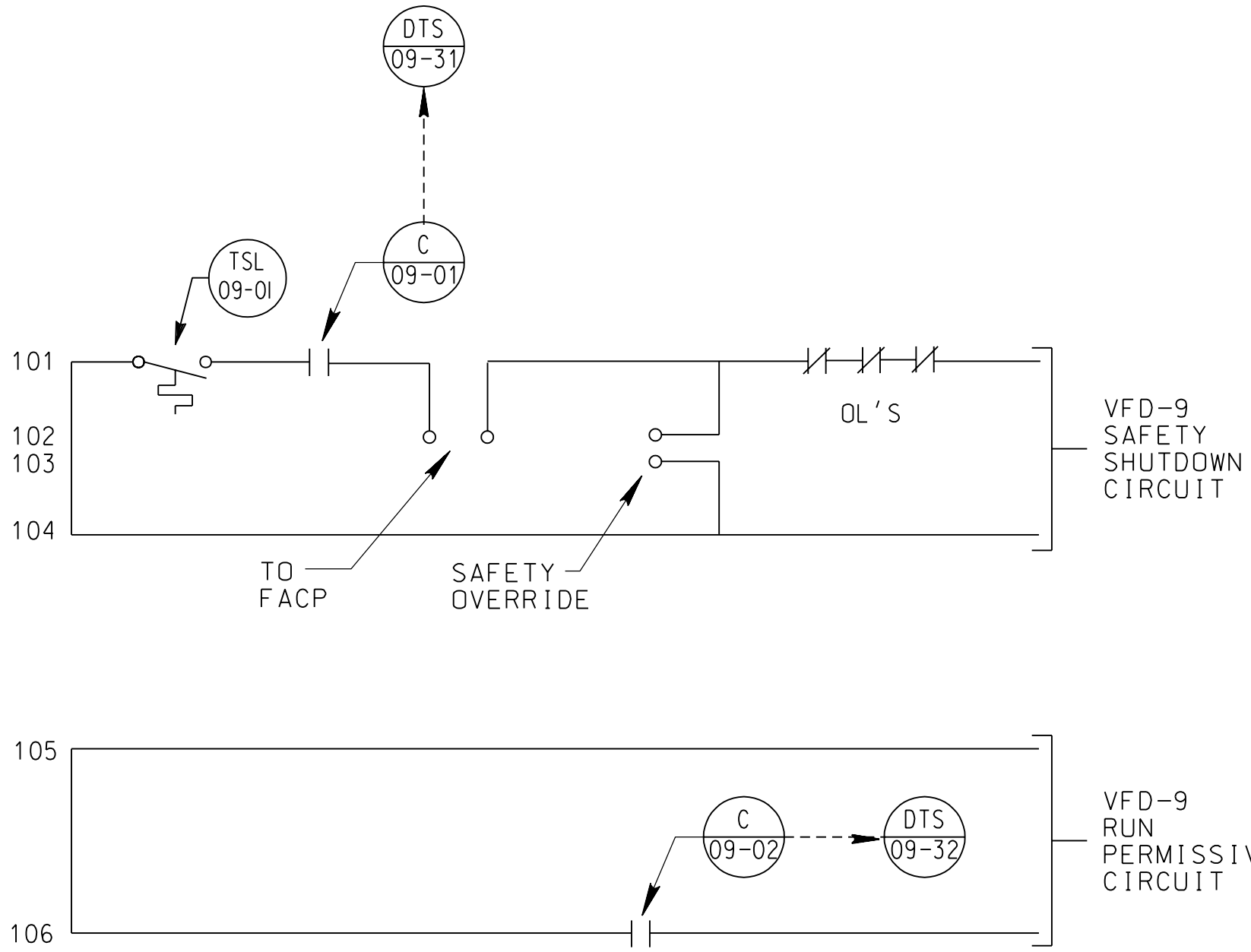


CONTROL SYSTEM SCHEMATIC - AHU-9

TEMPERATURE CONTROL PANEL TCP-9 INPUTS AND OUTPUTS ▲

TERMINAL NUMBER	DEVICE NUMBER	DESCRIPTION	POINT TYPE
01	DPT-09-01	SUPPLY AIR STATIC PRESSURE	AI
02	FT-09-01	OUTSIDE AIR FLOW	AI
03	TT-09-01	SUPPLY AIR TEMPERATURE	AI
04	TT-09-02	SPACE TEMPERATURE	AI
05	TSL-09-01	COIL LOW LIMIT AIR TEMPERATURE	AI
06			
07			
08			
09			
10			
11	DPS-09-01	PRE-FILTER PRESSURE DROP	DI
12	DPS-09-02	MIXED AIR FLITER PRESSURE DROP	DI
13	DPS-09-03	SUPPLY FAN STATIC PRESSURE	DI
14	DPS-09-04	SUPPLY DUCT STATIC PRESSURE	DI
15	SMK-09-01	SUPPLY DUCT SMOKE DETECTOR	DI
16			
17		INPUT SIGNAL FROM FIRE ALARM CONTROL PANEL	DI
18			
19			
20			
21	DA-09-01	MIXED AIR DAMPER ACTUATOR	AO
22	VA-09-01	PREHEAT COIL CONTROL VALVE ACTUATOR	AO
23	VA-09-02	COOLING COIL CONTROL VALVE ACTUATOR	AO
24	VFD-09	SUPPLY FAN VARIABLE FREQUENCY DRIVE; VFD-09	AO
25			
26			
27			
28			
29			
30			
31	C-09-01	CLOSE VFD-09 SAFETY SHUTDOWN CIRCUIT	DO
32	C-09-02	CLOSE VFD-09 RUN PERMISSIVE CIRCUIT	DO
33		OUTPUT SIGNAL TO FACP	DO
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			



FOR INFORMATION ONLY  
THIS DRAWING INCLUDED FOR INFORMATION ONLY

\$\$ - THINK VALUE ENGINEERING - \$\$			
Revisions			
Symbol	Descriptions	Date	Approved
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS OMAHA, NEBRASKA			
Designed by: G.D.R.	SITE NAME OMAHA DISTRICT DESIGN GUIDE		SITE LOCATION
Drawn by: G.D.R.	<b>HVAC CONTROLS EXAMPLE DRAWING</b>		
Checked by: S.G.E.			
Reviewed by: R.G.G.	Plot Scale Ratio: 1:1 Design File: PE21M601.DGN	Date: X	Sheet reference number: <b>M6.01</b>
Submitted by:	Spec. No.: DACA 45	Drawing Code: X	
Chief: MECHANICAL Section	Contract No.: DACA 45		

